

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Matthew Mrakovich et al.
FOR : **MULTI-CONDUCTOR PARALLEL
SPICE CONNECTION**
SERIAL NO. : Unknown
FILED : Herewith
EXAMINER : Unknown
ART UNIT : Unknown
CONFIRMATION NO. : Unknown
ATTORNEY DOCKET NO. : 145641
GLOZ 2 00223

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is (are) aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 C.F.R. §1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, Applicant(s) has not enclosed copies of the cited U.S. patents with this Disclosure.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed require(s) no further explanation (or no translation is available).

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

☒ **WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FIRST OFFICE ACTION:** Under § 1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **INTERNATIONAL SEARCH REPORT:** Under § 1.97(e)(1), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FINAL ACTION/WITH FEE:** Under § 1.97(c)(2), this information shall be considered if filed before the mailing date of a final action if accompanied by a fee in the amount of \$180.00 as required by §1.17(p). Accordingly, the necessary fee accompanies this Information Disclosure Statement. Any overpayment or deficiency can be charged to Deposit Account No. 06-0308.

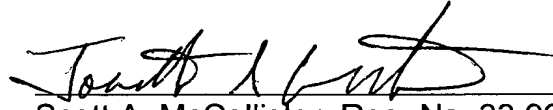
☐ **PRIORITY CLAIM:** The attached PTO 1449 Form includes all patents, publications, or other information previously cited by or submitted to the Office in one or more prior applications from which the present application claims priority. These one or more prior applications are identified in the papers accompanying the filing of this application. In accordance with § 609 MPEP, only copies of art not previously submitted are enclosed.

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

April 8, 2004
Date



Scott A. McCollister, Reg. No. 33,961
Jonathan A. Withrow, Reg. No. 54,548
1100 Superior Avenue
Seventh Floor
Cleveland, OH 44114-2518
216/861-5582

CERTIFICATE OF MAILING

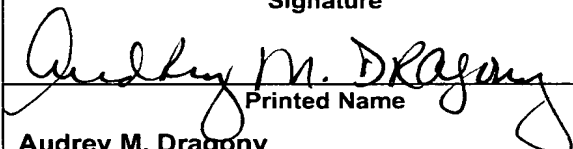
I certify that this Information Disclosure Statement and accompanying document(s) are being

☐ deposited with the United States Postal Service as First Class mail under 37 C.F.R. 1.8, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

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Date April 8, 2004

Signature 
Printed Name Audrey M. Dragony

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S) <i>(Use as many sheets as necessary)</i>	COMPLETE IF KNOWN	
	Application Number	Unknown
	Filing Date	Herewith
	First Named Inventor	Matthew Mrakovich et al.
	Art Unit	Unknown
	Examiner Name	Unknown
Sheet 1 of 4	Attorney Docket No.	145641/GLOZ 2 00223

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-671,338	04/1901	Halford	
	AB	US-3,115,541	12/1963	Hanner et al.	
	AC	US-4,173,035	10/1979	Hoyt	
	AD	US-4,419,538	12/1983	Hansell, III	
	AE	US-4,631,650	12/1986	Ahroni	
	AF	US-4,638,117	01/1987	Ney	
	AG	US-4,777,573	10/1988	Liao	
	AH	US-4,779,177	10/1988	Ahroni	
	AI	US-4,807,098	02/1989	Ahroni	
	AJ	US-4,813,883	03/1989	Staley	
	AK	US-4,815,814	03/1989	Ulijasz	
	AL	US-4,855,882	08/1989	Boss	

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		Country Code-Number Kind Code (if known)				
	AM	WO 02/097770 A2	12/05/2002	PCT		
	AN					
	AO					
	AP					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T
	AQ	U.S. Patent Application Serial No. 10/805,931.	
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	BA	US-4,899,266	02/1990	Ahroni	
	BB	US-4,984,999	01/1991	Leake	
	BC	US-5,010,463	04/1991	Ross	
	BD	US-5,051,877	09/1991	Liao	
	BE	US-5,109,324	04/1992	Ahroni	
	BF	US-5,121,310	06/1992	Ahroni	
	BG	US-5,141,449	08/1992	Tieszen	
	BH	US-5,154,508	10/1992	Ahroni	
	BI	US-5,238,424	08/1993	Vindum	
	BJ	US-5,330,368	07/1994	Tsuruzono	
	BK	US-5,337,225	08/1994	Brookman	
	BL	US-5,367,122	11/1994	De Olano	

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		Country Code-Number Kind Code (if known)				
	BM					
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	BQ		
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	CA	US-5,526,250	06/1996	Ting et al.	
	CB	US-5,559,681	09/1996	Duarte	
	CC	US-5,584,567	12/1996	Rumpel	
	CD	US-5,601,448	02/1997	Poon	
	CE	US-5,829,865	11/1998	Ahroni	
	CF	US-5,934,930	08/1999	Camps et al.	
	CG	US-5,967,823	10/1999	Tsui	
	CH	US-6,017,241	01/2000	Komai	
	CI	US-6,079,848	06/2000	Ahroni	
	CJ	US-6,095,847	08/2000	Lin	
	CK	US-6,116,944	09/2000	Tseng	
	CL	US-6,261,119	07/2001	Green	

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		Country Code-Number Kind Code (if known)				
	CM					
	CN					
	CO					
	CP					

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	DA	US-6,290,365	09/2001	Schlesinger	
	DB	US-6,367,952	04/2002	Gibboney, Jr.	
	DC	US-6,383,013	05/2002	Ghesla et al.	
	DD	US-6,478,450	11/2002	Grajcar	
	DE	US-6,558,021	05/06/2003	Wu et al.	
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	DG	US-2003/0063463	04/03/2003	Sloan et al.	
	DH	US-6,660,935	12/09/2003	Southard et al.	
	DI	US-			
	DJ	US-			
	DK	US-			
	DL	US-			

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	DN					
	DO					
	DP					

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	DS		
	DT		
	DU		
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